

# Week 14 – Population Dynamics

- Population ecology is the specialised branch of ecology.
- Demography is the study of the population change and their course throughout the life cycle.
- The four demographic parameters like birth, death, immigration and emmigration determine the change in number of total population at a particular time.
- The abundance of fish population of a given species is important and the population dynamics serves the basis of the abundance.
- Various techniques assessing the net productivity rate and population production are employed to study the abundance of population.
- The population production is in turn dependent on density, growth, mortality, recruitment etc.